

SEQUENCE LISTING

<110> SOHNGEN, WOLFGANG

<120> GLUTAMATE RECEPTOR ANTAGONISTS AS NEUROPROTECTIVES

<130> 09498.0017

<140> 10/555,583

<141> 2005-11-04

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<150> DE 10337098.6

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<150> DE 10352333.2

<151> 2003-11-06

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<170> PatentIn Ver. 3.3

<210> 1

<211> 477

<212> PRT

<213> Desmodus rotundus

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| 1 | | | | 5 | | | | 10 | | | | | | 15 | |
| Gly | Ala | Val | Phe | Ser | Leu | Pro | Arg | Gln | Glu | Thr | Tyr | Arg | Gln | Leu | Ala |
| | | | 20 | | | | | 25 | | | | | 30 | | |
| Arg | Gly | Ser | Arg | Ala | Tyr | Gly | Val | Ala | Cys | Lys | Asp | Glu | Ile | Thr | Gln |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Met | Thr | Tyr | Arg | Arg | Gln | Glu | Ser | Trp | Leu | Arg | Pro | Glu | Val | Arg | Ser |
| | 50 | | | | | 55 | | | | | 60 | | | | |
| Lys | Arg | Val | Glu | His | Cys | Gln | Cys | Asp | Arg | Gly | Gln | Ala | Arg | Cys | His |
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| Thr | Val | Pro | Val | Asn | Ser | Cys | Ser | Glu | Pro | Arg | Cys | Phe | Asn | Gly | Gly |
| | | | | 85 | | | | | 90 | | | | | 95 | |
| Thr | Cys | Trp | Gln | Ala | Val | Tyr | Phe | Ser | Asp | Phe | Val | Cys | Gln | Cys | Pro |
| | | 100 | | | | | | 105 | | | | | 110 | | |
| Ala | Gly | Tyr | Thr | Gly | Lys | Arg | Cys | Glu | Val | Asp | Thr | Arg | Ala | Thr | Cys |
| | 115 | | | | | | 120 | | | | | 125 | | | |

Tyr Glu Gly Gln Gly Val Thr Tyr Arg Gly Thr Trp Ser Thr Ala Glu
 130 135 140
 Ser Arg Val Glu Cys Ile Asn Trp Asn Ser Ser Leu Leu Thr Arg Arg
 145 150 155 160
 Thr Tyr Asn Gly Arg Met Pro Asp Ala Phe Asn Leu Gly Leu Gly Asn
 165 170 175
 His Asn Tyr Cys Arg Asn Pro Asn Gly Ala Pro Lys Pro Trp Cys Tyr
 180 185 190
 Val Ile Lys Ala Gly Lys Phe Thr Ser Glu Ser Cys Ser Val Pro Val
 195 200 205
 Cys Ser Lys Ala Thr Cys Gly Leu Arg Lys Tyr Lys Glu Pro Gln Leu
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 His Ser Thr Gly Gly Leu Phe Thr Asp Ile Thr Ser His Pro Trp Gln
 225 230 235 240
 Ala Ala Ile Phe Ala Gln Asn Arg Arg Ser Ser Gly Glu Arg Phe Leu
 245 250 255
 Cys Gly Gly Ile Leu Ile Ser Ser Cys Trp Val Leu Thr Ala Ala His
 260 265 270
 Cys Phe Gln Glu Ser Tyr Leu Pro Asp Gln Leu Lys Val Val Leu Gly
 275 280 285
 Arg Thr Tyr Arg Val Lys Pro Gly Glu Glu Glu Gln Thr Phe Lys Val
 290 295 300
 Lys Lys Tyr Ile Val His Lys Glu Phe Asp Asp Asp Thr Tyr Asn Asn
 305 310 315 320
 Asp Ile Ala Leu Leu Gln Leu Lys Ser Asp Ser Pro Gln Cys Ala Gln
 325 330 335
 Glu Ser Asp Ser Val Arg Ala Ile Cys Leu Pro Glu Ala Asn Leu Gln
 340 345 350
 Leu Pro Asp Trp Thr Glu Cys Glu Leu Ser Gly Tyr Gly Lys His Lys
 355 360 365
 Ser Ser Ser Pro Phe Tyr Ser Glu Gln Leu Lys Glu Gly His Val Arg
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 385 390 395 400
 Val Thr Asn Asn Met Leu Cys Ala Gly Asp Thr Arg Ser Gly Glu Ile
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 Tyr Pro Asn Val His Asp Ala Cys Gln Gly Asp Ser Gly Gly Pro Leu
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Val Cys Met Asn Asp Asn His Met Thr Leu Leu Gly Ile Ile Ser Trp
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Gly Val Gly Cys Gly Glu Lys Asp Val Pro Gly Val Tyr Thr Lys Val
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Thr Asn Tyr Leu Gly Trp Ile Arg Asp Asn Met His Leu
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